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cont.

2. (Amended) The electric power supply system according to claim 1, wherein said AC generator has an operating characteristic in which, an output power increases as an output voltage decreases until said output power is maximum at said maximum power operating point, and said output power decreases as said output voltage further decreases.

3. (Amended) The electric power supply system according to claim 2, wherein said controlling means performs a control so that a load resistance of said AC generator starts from an initial state, in which the load resistance is substantially equivalent to an open circuit load resistance, and thereafter the load resistance is reduced over time.

4. (Amended) The electric power supply system according to claim 1, wherein said controlling means comprises:

rectifying means for rectifying an output of said AC generator; and

DC voltage converting means for lowering an output voltage of said rectifying means and supplying said output voltage to said load, and for performing a feedback control so that an output voltage of said DC voltage converting means coincides with a target voltage.

5. (Amended) The electric power supply system according to claim 2, wherein said controlling means comprises:

rectifying means for rectifying an output of said AC generator; and

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DC voltage converting means for lowering an output voltage of said rectifying means and supplying said output voltage to said load, and for performing a feedback control so that an output voltage of said voltage converting means coincides with a target voltage.

6. (Amended) The electric power supply system according to claim 3, wherein said controlling means comprises:

rectifying means for rectifying an output of said AC generator; and

DC voltage converting means for lowering an output voltage of said rectifying means and supplying said output voltage to said load, and for performing a feedback control so that an output voltage of said voltage converting means coincides with a target voltage.

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11. (Twice Amended) The electric power supply system according to claim 9, wherein said control section controls said switching element by means of a pulse width modulation control.

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A marked-up copy of the amended claims is attached as required under 37 C.F.R. § 1.121.